

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	"20040161623"	USPAT	OR	ON	2007/07/20 06:36
L2	1	"20040161623"	US-PGPUB; USPAT	OR	ON	2007/07/20 06:36
S1	1	10/734047	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/10 14:47
S2	2	("4079850" "4857258").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/10 14:47
S3	90	("2710987"   "3023461"   "3082484"   "3113831"   "3275726"   "3457337"   "3561629"   "3847728"   "3869056"   "3892828"   "4015033").PN. OR ("4079850"   "4857258").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/10 14:48
S4	19	S3 and ionomer	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/10 14:54
S5	36	S3 and (blow near2 mold\$3) and (extrusion extrud\$3 co-extrusion coextrusion co-extrud\$3 coextrud\$3) and (cool\$3 chill\$3 froze frozen solidif\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/10 14:55

## EAST Search History

S57	20	("3065501").URPN.	USPAT	OR	ON	2007/07/18 10:04
S58	8	("1808428" "2066265" "2154490" "2348738" "2632202" "2750625" "2834154" "2930079").pn.	USPAT	OR	ON	2007/07/18 09:25
S59	1	"4367187".pn.	USPAT	OR	ON	2007/07/18 10:52
S60	330	(264/519,520,dig33).ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/18 10:54
S61	0	(264/dig33).ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/18 10:53
S62	0	(264/dig45).ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/18 10:53
S63	0	(264/digest33).ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/18 10:53
S64	0	(264/digest56).ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/18 10:53
S65	0	(264/dig56).ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/18 10:54
S66	0	(264/d56).ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/18 10:54
S67	330	(264/519,520,"dig33").ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/18 10:54
S68	330	(264/519,520,"digest33").ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/18 10:54
S69	330	(264/519,520).ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/18 10:54
S70	137	S69 and ((blow\$3 near4 (gas air)) ((pressuriz\$3 compress\$3) near4 (gas air))) same (cool\$3 chill\$3 temperature)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/18 10:56
S71	135	S69 and ((blow\$3 near4 (gas air)) ((pressuriz\$3 compress\$3) near4 (gas air))) same (cool\$3 chill\$3 temperature)	USPAT; USOCR	OR	ON	2007/07/18 10:56

## EAST Search History

S72	91	S69 and ((blow\$3 near4 (gas air)) ((pressuriz\$3 compress\$3) near4 (gas air))) same (cool\$3 chill\$3 temperature) and ((blow near4 mold\$3) (parison))	USPAT; USOCR	OR	ON	2007/07/18 10:57
S73	11	("3233416").URPN.	USPAT	OR	ON	2007/07/18 12:20
S74	1	"6284171".pn.	USPAT	OR	ON	2007/07/18 12:20
S75	8	("3233416"   "3338998"   "3666849"   "3888961"   "5565165").PN. OR ("6284171").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/18 12:20
S76	19	("3089185"   "3114931"   "3338998"   "3450805"   "3492106"   "3592886"   "4025276"   "4092389").PN. OR ("5565165").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/18 13:37
S77	6	("4857258" "5843540" "6244454" "5034179" "4937035" "20020175136" "2002000550").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/18 13:39
S78	6	("4857258" "5843540" "6244454" "5034179" "4937035" "20020175136" "200200550").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/18 13:44
S79	223	("264"/).clas. and (surlyn) and (blow\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/18 13:44
S80	183	("264"/).clas. and (surlyn) and (blow\$3) and (layer\$3 multilayer\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/18 13:45
S81	151	("264"/).clas. and (surlyn) and (blow\$3) and (layer\$3 multilayer\$3)	USPAT; USOCR	OR	ON	2007/07/18 13:45

## EAST Search History

S82	332	( "2418856"   "2470089"   "2627087"   "2710987"   "2781551"   "2805787"   "2996764"   "2996765"   "3016579"   "3023461"   "3082484"   "3103036"   "3173175"   "3247550"   "3281899"   "3296353"   "3322869"   "3328367"   "3339240"   "3404134"   "3409710"   "3414456"   "3419654"   "3457337"   "3471460"   "3496061"   "3524795"   "3531553"   "3547754"   "3552638"   "3560325"   "3595740"   "3599290"   "3600487"   "3616495"   "3635624"   "3673055"   "3690797"   "3716612"   "3717544"   "3751534"   "3751544"   "3767339"   "3767523"   "3767742"   "3768940"   "3785116"   "3793410"   "3801254"   "3801684"   "3809733"   "3816580"   "3819792"   "3820928"   "3825637"   "3847728"   "3851030"   "3857658"   "3857754"   "3865914"   "3865915"   "3868202"   "3870448"   "3873656"   "3878282"   "3882259"   "3892828"   "3894823"   "3901958"   "3921856"   "3929954"   "3932693"   "3939239"   "3943219"   "3947176"   "3947177"   "3950483"   "3962396"   "3966378"   "3970419"   "3972664"   "3993810"   "3994649"   "3999915"   "4004868"   "4013748"   "4014966"   "4015033"   "4029454"   "4029841"   "4035466"   "4040233"   "4047868"   "4047873"   "4047874"   "4052497"   "4067944"   "4079850"   "4120922"   "4144013"   "4149839"   "4174413"   "4255490"   "T904007"   "T922007").PN. OR ("3608268"   "3819792"   "3882259"   "3931449"   "4109037"   "4526821"   "4568261"   "4619973").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/18 14:02
S83	68	S82 and (ionomer)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/18 14:02
S84	68	S82 and (ionomer surlyn)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/18 14:02

## EAST Search History

S85	41	S82 and (ionomer surlyn) and (container bottle)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/18 14:03
S86	32	S85 not S81	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/18 14:14
S87	9	cheon near2 kyung	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/18 14:15
S88	0	(cheon near2 kyung).as.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/18 14:15
S89	221	make-up near2 sticks	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/18 14:16
S90	0	(make-up near2 sticks) and (blow near2 mold\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/18 14:16
S91	0	(make-up near2 sticks) and (blow\$3 near7 mold\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/18 14:16
S92	66	(make-up near2 sticks) and (layer\$3 multilayer\$3 multi-layer\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/18 15:07
S93	1	"20050129888".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/18 15:07
S94	1	S93 and derivative	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/18 15:12
S95	554	(container bottle) and (surlyn ionomer) same (layer multilayer\$3 multi-layer\$3 outerlayer) same outer	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/18 15:13
S96	490	(container bottle) and (surlyn ionomer) same (layer multilayer\$3 multi-layer\$3 outerlayer) near7 outer	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/18 15:13
S97	311	(container bottle) and (surlyn ionomer) same (layer multilayer\$3 multi-layer\$3 outerlayer) near7 outer	USPAT	OR	ON	2007/07/18 15:13
S98	95	(container bottle) and (surlyn ionomer) near7 (layer multilayer\$3 multi-layer\$3 outerlayer) near7 outer	USPAT	OR	ON	2007/07/18 15:14

## EAST Search History

S99	163	(container bottle) and (surlyn ionomer) same (layer multilayer\$3 multi-layer\$3 outerlayer) near7 outer and (thickness\$3) and (blow\$3)	USPAT	OR	ON	2007/07/18 15:14
S100	22	("4357191"   "4397916"   "4418841"   "4429079").PN. OR ("4567069").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/18 16:16
S101	1	"4226882".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/18 15:20
S102	1	"4226822".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/18 16:05
S103	3	S100 and (ionomer surlyn)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/18 16:05
S104	227758	("428"/).clas.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/18 16:16
S105	1838	S104 and (bottle container) and (ionomer surlyn)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/18 16:16
S106	401	S104 and (bottle container) and (surlyn)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/18 16:17
S107	201	S104 and (bottle container) and (surlyn) same (outer exterior layer)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/18 16:17
S108	201	S104 and (bottle container) and (surlyn) same (outer exterior layer external)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/18 16:17
S109	66	S104 and (bottle container) and (surlyn) same (outer exterior external)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/18 16:30
S110	17	("4616064"   "4686124").PN. OR ("5116652").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/18 16:21
S111	148	(bottle container) and (surlyn) same (outer exterior external) near7 (layer)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/18 16:31
S112	42	(bottle cosmetic) and (surlyn) same (outer exterior external) near7 (layer)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/18 16:31
S113	1	"20050227022"	US-PGPUB; USPAT	OR	ON	2007/07/19 13:11



## EAST Search History

S11 4	1	S113 and (blow\$3)	US-PGPUB; USPAT	OR	ON	2007/07/19 13:14
S11 5	1	"10472871"	US-PGPUB; USPAT	OR	ON	2007/07/19 13:14
S11 6	1	"10/472871"	US-PGPUB; USPAT	OR	ON	2007/07/19 14:52
S11 7	10	("4912167" "4914156" "5277864" "5330805" "52062924" "4335175" "5482766" "4148972" "5543233" "4800130" "4656098").pn.	US-PGPUB; USPAT	OR	ON	2007/07/19 13:19
S11 8	5	S117 and blow\$3	US-PGPUB; USPAT	OR	ON	2007/07/19 13:21
S11 9	2638	cosmetic near4 case	US-PGPUB; USPAT	OR	ON	2007/07/19 13:22
S12 0	730	S119 and (thickness thicknesses)	US-PGPUB; USPAT	OR	ON	2007/07/19 13:22
S12 1	18	S119 and (thickness thicknesses) and (ionomer surlyn)	US-PGPUB; USPAT	OR	ON	2007/07/19 13:22
S12 2	18	S119 and (thickness thicknesses) and (ionomer surlyn surlyn "surlyn. ")	US-PGPUB; USPAT	OR	ON	2007/07/19 13:23
S12 3	18	S119 and (thickness thicknesses) and (ionomer surlyn surlyn "surlyn. rtm.")	US-PGPUB; USPAT	OR	ON	2007/07/19 13:23
S12 4	18	S119 and (thickness thicknesses) and (ionomer surlyn surlyn\$5 "surlyn.rtm.")	US-PGPUB; USPAT	OR	ON	2007/07/19 13:23
S12 5	0	S116 and cosmetic	US-PGPUB; USPAT	OR	ON	2007/07/19 14:38
S12 6	1	S116 and container	US-PGPUB; USPAT	OR	ON	2007/07/19 14:38
S12 7	2	"20020055006"	US-PGPUB; USPAT	OR	ON	2007/07/19 14:48
S12 8	1	S127 and blow\$3	US-PGPUB; USPAT	OR	ON	2007/07/19 14:49
S12 9	1	"20020114965"	US-PGPUB; USPAT	OR	ON	2007/07/19 14:53
S13 0	0	S129 and blow\$3	US-PGPUB; USPAT	OR	ON	2007/07/19 14:53
S13 1	1	"10469072"	US-PGPUB; USPAT	OR	ON	2007/07/19 14:53
S13 2	1	"10/469072"	US-PGPUB; USPAT	OR	ON	2007/07/19 14:54
S13 3	0	S132 and blow\$3	US-PGPUB; USPAT	OR	ON	2007/07/19 14:54

## EAST Search History

S13 4	1	"4800130".pn.	US-PGPUB; USPAT	OR	ON	2007/07/19 14:54
S13 5	0	S134 and blow\$3	US-PGPUB; USPAT	OR	ON	2007/07/19 16:26
S13 6	1	"3233416".pn.	US-PGPUB; USPAT	OR	ON	2007/07/19 16:26
S13 7	0	S136 and pin	US-PGPUB; USPAT	OR	ON	2007/07/19 16:45
S13 8	1	"3114596".pn.	US-PGPUB; USPAT	OR	ON	2007/07/19 18:59
S13 9	1	"4091059".pn.	US-PGPUB; USPAT	OR	ON	2007/07/19 16:46
S14 0	1	"4079850".pn.	US-PGPUB; USPAT	OR	ON	2007/07/19 18:59
S14 1	0	S140 and (smooth\$3 polish\$3 buff\$3)	US-PGPUB; USPAT	OR	ON	2007/07/19 18:59